

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Broadhead Creek Oil - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region III

Subject: POLREP #7
Progress Update
Broadhead Creek Oil

Canadensis, PA
Latitude: 41.1915423 Longitude: -75.2531785

To: John Codd, USCG
Thomas Hartnett, PADEP
R3 RRC, US EPA R3

From: Dominic Ventura, On Scene Coordinator

Date: 12/12/2019

Reporting Period: 09/07/19 - 12/12/19

1. Introduction

1.1 Background

Site Number:	Z3PM	Contract Number:	
D.O. Number:		Action Memo Date:	
Response Authority:	OPA	Response Type:	Emergency
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:		Start Date:	2/25/2019
Demob Date:		Completion Date:	
CERCLIS ID:		RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:	E19306	Reimbursable Account #:	

1.1.1 Incident Category

Discharge of oil to Broadhead Creek .

1.1.2 Site Description

The site originates from an approximately five acre property located at 1374 Route 390 in Canadensis, Pennsylvania. The property is located along the bank of Broadhead Creek and contains two buildings. One building was previously used for a restaurant and the other building (closest to creek) was used for a mix of residential and office space. Both buildings are now vacant. The residential/office building is located approximately 25 feet from Broadhead Creek.

1.1.2.2 Description of Threat

Actual and threatened discharge of oil into Broadhead Creek, a direct tributary to the Delaware River.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

Pennsylvania Department of Environmental Protection contacted EPA OSC Ventura on February 22, 2019 and requested assistance at the site. PADEP reported the incident to the National Response Center (NRC) the same day (NRC#1238372). PADEP reported that they received a report of a discharge of oil at the site on February 16, 2019 and had been responding to the discharge since that time.

OSC Ventura met representatives of Pennsylvania Department of Environmental Protection (PADEP) and Pennsylvania Fish and Boat Commission (PFBC) at the site on February 25, 2019. The OSC observed a substantial sheen in Broadhead creek along the bank of the property described above.

A 250 gallon above ground storage tank (AST) and 1,000 gallon underground storage tank (UST) were located directly in front of the residential/office building. The tank contained approximately 8 inches of oily sludge and water. A strong oil odor was evident throughout the residential home and oil staining was observed on the floors and walls of the basement. Oil soaked debris littered the floor of the basement. The UST was identified as a likely source of oil discharge. Based on initial site assessment, the OSC determined that there is a direct discharge of oil to the navigable waters of the United States.

See previous Polreps for additional information.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

- The OSC met ERRS contractors at the site on 09/27/19. No sheen was observed in the creek and oil was

not observed on absorbent in the creek. Water level in the creek still appeared to be lower than normal. No oil was observed on absorbent in recovery trench wells 1 - 3. A minor amount of oil was on absorbent in well 4. Absorbent in well 4 was replaced.

- ERRS contractors mobilized a mini excavator to the site on 09/27/19 and loaded stockpiled soil into a roll-off. Material in the roll-off will be transported off site for disposal along with other cleanup related waste prior to completion of the project.

- On 10/24/19 the OSC met a representative of PADEP and ERRS on site. No visible sheen was observed in the creek and there was no apparent oil on absorbent in the creek. No oil was observed on absorbent in recovery trench wells 1 - 3. There appeared to be a very minor amount of oil on absorbent in well 4. Water levels had risen to levels which appeared to be closer to normal levels since the September site visit. PADEP and EPA agreed that if no oil was observed in the creek the following month, EPA would remove absorbent boom from the creek.

- The OSC met ERRS contractors at the site on 11/26/19. No sheen was observed in the creek and oil was not observed on absorbent in the creek. No oil has been observed in the creek or on absorbent boom in the creek for three consecutive months. Therefore, it appears that there is no longer a discharge of recoverable oil occurring to Broadhead creek. The OSC directed ERRS to remove all absorbent from the creek.

- No oil was observed on absorbent in wells 1 - 3. There may have been very small amount of oil on absorbent in well 4 but the OSC could not be certain. The OSC does not believe that the recovery trenches are still effectively protecting the creek from a threat of discharge.

- PADEP reported that they collected a sample from well 4 on 12/10/19. The OSC agreed to leave the wells at the site until PADEP receives analytical results.

2.1.2 Response Actions to Date

-On February 28, 2019 EPA mobilized ERRS personnel to begin maintaining absorbent boom at the site. ERRS contractors deployed hard boom in the creek on March 18 to better contain sheen and any free oil that may discharge. Maintenance of boom is ongoing. Excavation of the UST and cleanup of the basement were completed from March 5 through March 8, 2019.

- On March 29, 2019 EPA contractors installed 3 interceptor trenches at the property to recover oil before it reaches Broadhead Creek. Since that time contractor personnel have been visiting the site on a regular basis to change out boom in the interceptor trench and creek, as needed.

See previous Polreps for additional information.

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

See previous Polreps for information related to PRPs.

2.1.4 Progress Metrics

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>
Oil Contaminated Soil and Debris	Soil and Debris	15 tons	7947669		Subtitle D Landfill
Oil Contaminated Soil and Debris	Soil and Debris	15 tons	7947670		Subtitle D Landfill

2.2 Planning Section

2.2.1 Anticipated Activities

2.2.1.1 Planned Response Activities

2.2.1.2 Next Steps

EPA and PADEP will discuss plan for interceptor trench's after PADEP receives analytical results. EPA will then plan for disposal of waste in the roll-off and close out the site.

2.2.2 Issues

2.3 Logistics Section

No information available at this time.

2.4 Finance Section

2.4.1 Narrative

On February 25, 2019, OSC Ventura obtained Oil Spill Liability Trust Fund (OSLTF) funding for \$50,000 to initiate assessment, mitigation, and cleanup actions at the site. The site ceiling was increased to \$75,000 on March 12, 2019, \$100,000 on March 21, 2019, and \$150,000 on April 15, 2019 to provide additional funding for ongoing activities.

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining

Extramural Costs				
ERRS - Cleanup Contractor	\$89,356.00	\$69,208.00	\$20,148.00	22.55%
TAT/START	\$10,063.00	\$8,540.00	\$1,523.00	15.13%
Intramural Costs				
USEPA - Direct	\$30,000.00	\$16,701.00	\$13,299.00	44.33%
USEPA - InDirect	\$20,581.00	\$3,340.00	\$17,241.00	83.77%
Total Site Costs	\$150,000.00	\$97,789.00	\$52,211.00	34.81%

* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

2.5 Other Command Staff

No information available at this time.

3. Participating Entities

3.1 Unified Command

EPA and PADEP

3.2 Cooperating Agencies

PFBC

4. Personnel On Site

No information available at this time.

5. Definition of Terms

No information available at this time.

6. Additional sources of information

No information available at this time.

7. Situational Reference Materials

No information available at this time.